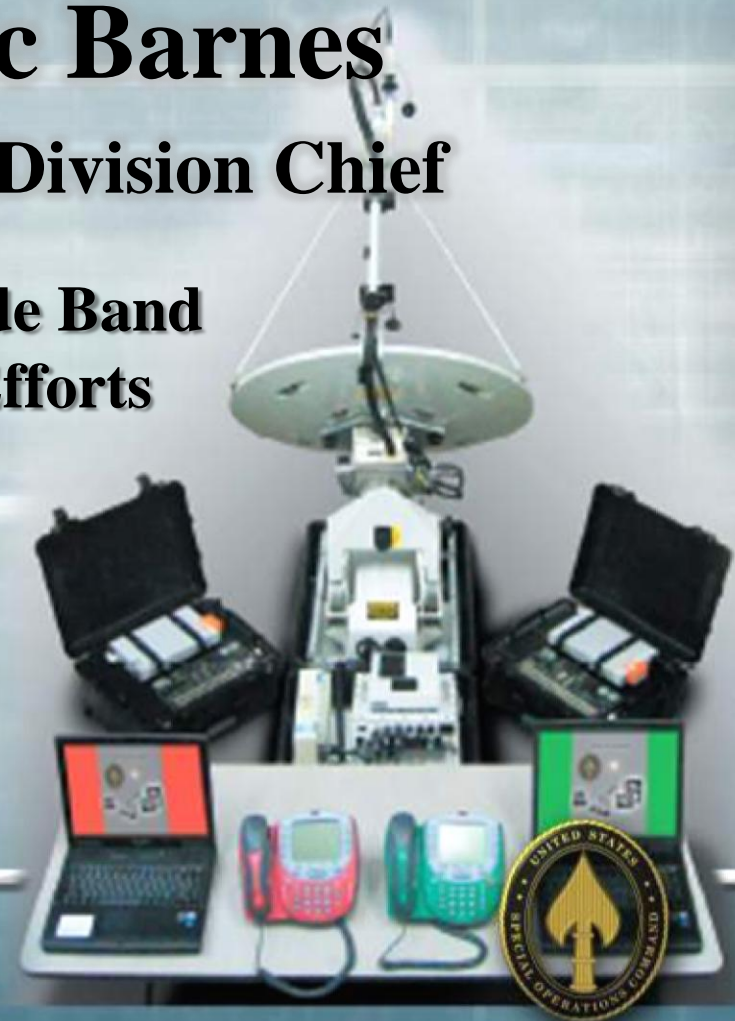


Special Operations Forces Industry Conference

Mr. Eric Barnes
Transport Division Chief
**Tactical Wide Band
SATCOM Efforts**

**C4 Command, Control,
Communications, and Computers**



SOF Deployable Node (SDN) Family of Terminals Upgrade

- Projected Requirements

- Sub-one meter SDN-Lite remains same as legacy, Ku-Band only
- Replace 1.0-meter SDN-Medium (SDN-M) with more capable 1.2-meter Tri-Band (X, Ku, Ka)
- Replace 2.4-meter SDN-Heavy (SDN-H) with smaller footprint 2.0-meter Quad-Band (C, X, Ku, Ka)
- Common GUI across all variants; Common maintenance & training documents
- Integral iDirect (TDMA)
- Procurement will meet support new BOI and CERP requirements



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SDN Family of Terminals Upgrades

- **Consolidate common requirements across all variants**
 - Temperature, 810G
 - Transportability (two-person lift IAW MIL-STD-1472)
 - MTBF, Availability
 - No tools for assembly/disassembly
- **Apply variant-specific requirements as required**
 - Throughput
 - Frequency Bands
 - System Weight/Volume
 - Set-up/Teardown Times (frequency band reconfiguration time)



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SDN Family of Terminals

- **Actions to Date:**
 - Special Notice on FEDBIZOPS for SDN-M J&A Dec 2010
 - SDN/PDS Family of Terminals Contract
 - Announced pending re-compete Dec 2010
 - RFI posted Feb 2011
 - RFP package in development



Acquisition Strategy

- Full and Open Competition
- Single award, 5 year IDIQ contract

Period of Performance

Jan 2012 through Dec 2017

Milestones

- Jul 2011 RFP Release
- Jan 2012 Award

Point of Contact

SORDAC-KI

Funding

\$500M ceiling

Current Contract/OEM

H92222-D-06-0007
L-3 Global Communications Solutions,
Victor, NY

SDN Extension Packages

Requirement: SDN-M CPD, 16 Jan 07

- Line of Site Technology Radios (4.4GHz Military Band and 5.8GHz ISM Band Options)
 - Tropospheric Technology
 - 3G/4G Deployable Cellular Site, Tactical Network Topology (TNT) Experimentation
- Request For Information



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Mobile SOF Strategic Entry Point (MSSEP)

Requirement: SDN-H CPD, 9 Jan 09

- Provides theater with deployable SSEP capability
- Quad-band capable (3.9-meter X, C, Ku, Ka band)
Light Weight, Medium Aperture Antenna
- Unclassified and classified voice, data, VTC, and video services
- Video storage, VTC bridge, and switching capabilities



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SATCOM On the Move (SOTM)

Requirement: SDN-M CPD, 16 Jan 07

- High bandwidth, SATCOM ,Transport Capability
- Secure voice, data, and FMV situational awareness
- Modular and tailorable packaging
- SOF Information Environment reach-back from a mobile platform
- IP-based technology
- Variants
 - Wideband SOTM-Afloat
 - Wideband SOTM-Ground



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Questions?



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